Missouri Botanical Garden

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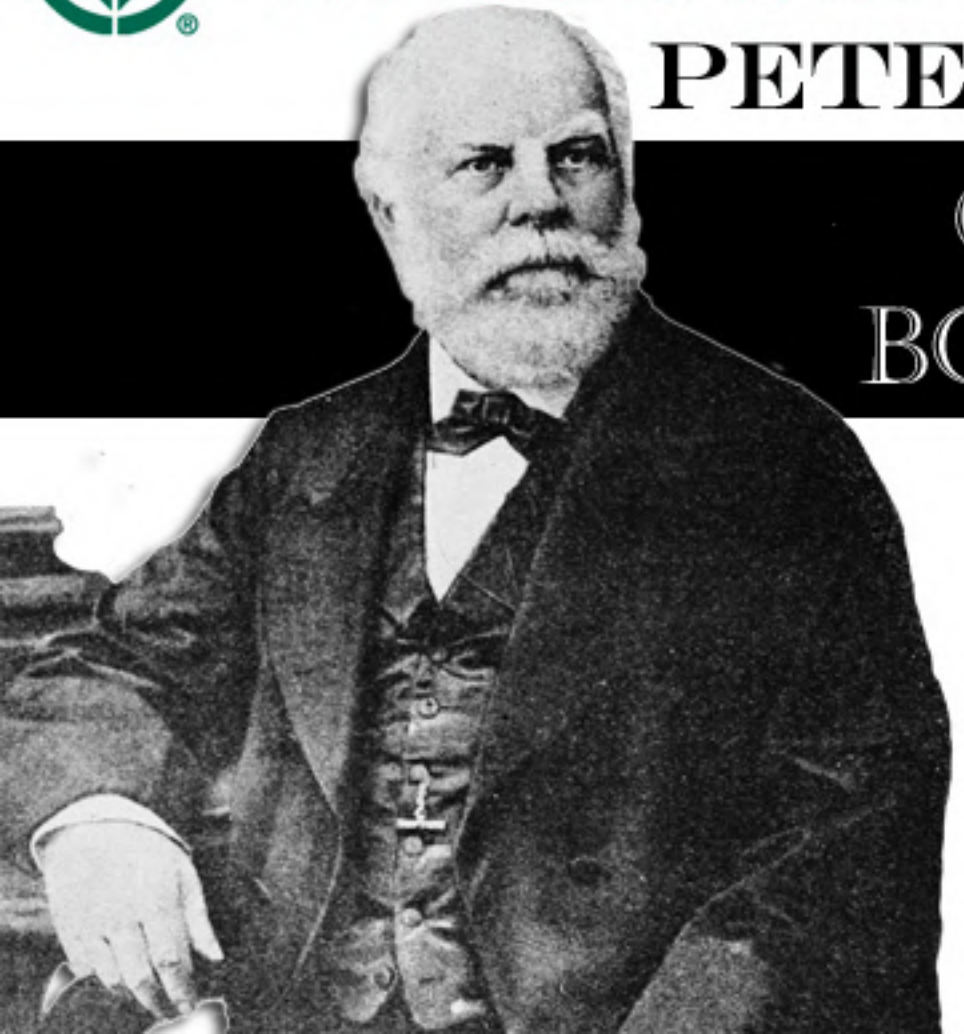

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3821

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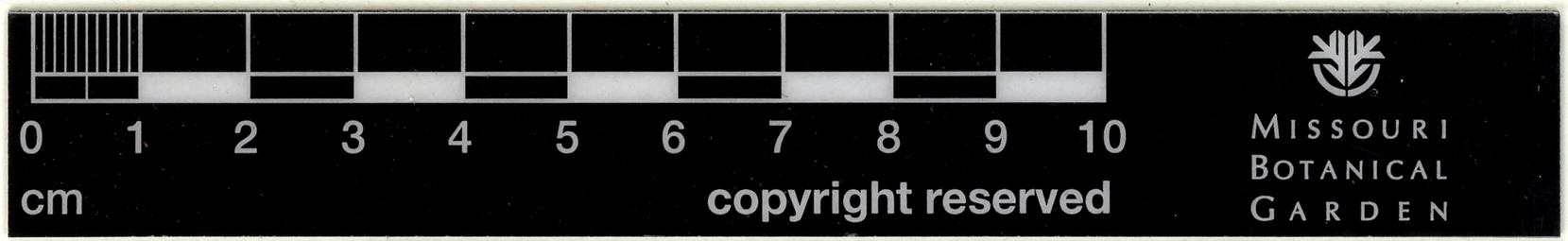

Jan 1862

Asperifoliæ

Gray — Boston Acad.
V. p. 340

Cynoglossum belongs to Heliotropeæ

Coldenia Lin. and comprises

Skyrocarpus Torr. R R. II. t. 7

Pectocarya Torr. R R. II. t. 9.

Tiquilia Pers. Nutt.

Torr. Mex Bound. p. 136

Plagiobothrys Torr. R R II. t. 8

is also very near

too near.

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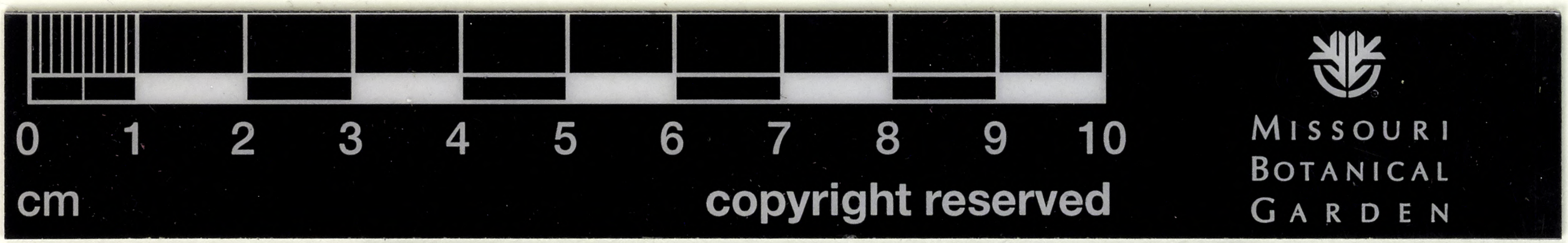

Ech. plantagineum

Ech. salmanticum

Lysimachia revoluta Nuttal.

ausgestossen ist der Unterschied in Kürze Folgende.

Die grösste nahe L. heterophylla steht wegen ihrer Sectionen als L. ciliata an, die wegen Sectionen wenn künftig an Genera oder Subgenera getheilt wird, so fällt sie mit den übrigen Lysimachien weg die aestivatio corollae unterscheidet.

a. Lysimachiae vera
Habitus verschieden
Blumenkrone, die die
Stamina nicht einrollen

b. Lysim ciliata
die Petala einzeln in
einander um die
Stamina rollt.

Centunculus, der ist doch gewiss nicht einzuverleiben

Europa, sondern ein rechter Abdrigener! ebenso wie

Myosotis minima der auch in Torry u Gray's Flora an sich
oben angeführt wird.

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A. Braun, Carlsruhe

Stylopus resna Raf.

Wie Namen sind ihr nicht in meinen Büchern.
Habetus omnino Dei!

---

16 Oct. 1838

Rochelia Lappula heißen wir in Europa Echinospermum Lappula.

die Batschia-Arten nennt Lehmann in Spreng. Lit. Ostrocarpum.

Auch unter den Asperifolien giebt es merkwürdige Verschiedenheiten! die Unterschiede sind also auch für die Arten beim Sammeln zu auffassen. Übrigens verschwinden Arten bis die Echia: Echium vulgare terminal und nicht! Ech. vulgare, pyrenaicum etc. terminal und pyramidisch Ech. plantagineum terminal u. pyramidal und basilärs spitzliche Laubrosetten, die nie nicht Stengel aufschießen. Ech. plantagineum terminal und pyramidisch. Ech. salmanticum pyramidisch! lateral! (Lateral, mit überhängenden Laubrosen bildend. Haupt und Zweig nicht Asperifolien mit Borago laxiflora u. Anchusa sempervirens.)

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Sycamphytum

Shady places in the vills Bosphena, Roca. April 10th 1858

Distinguished from S. tuberosum by the smaller globose tubers, monophyllous; much smaller, greenish flowers, lower part of tube ventricose, 5 angled, pruina, lanceolate scarcely exceeding the corolla; anthers almost sessile

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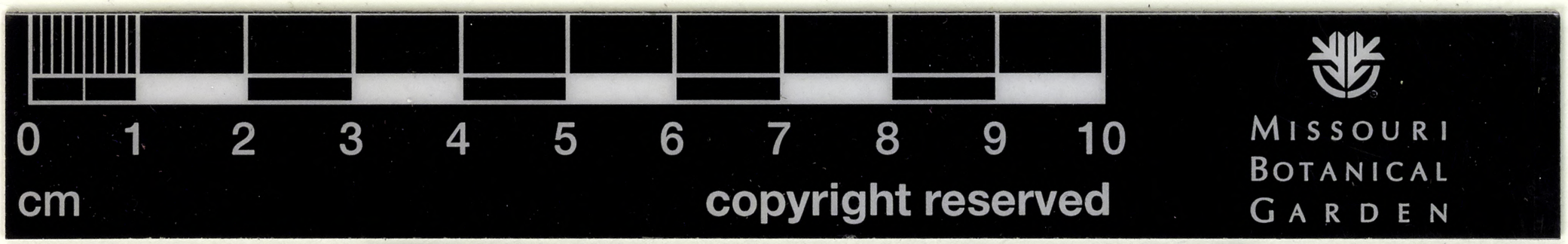

Symphytum

near Corsica north of Capua

Saw near Arricia March 31st 1858 March 29th

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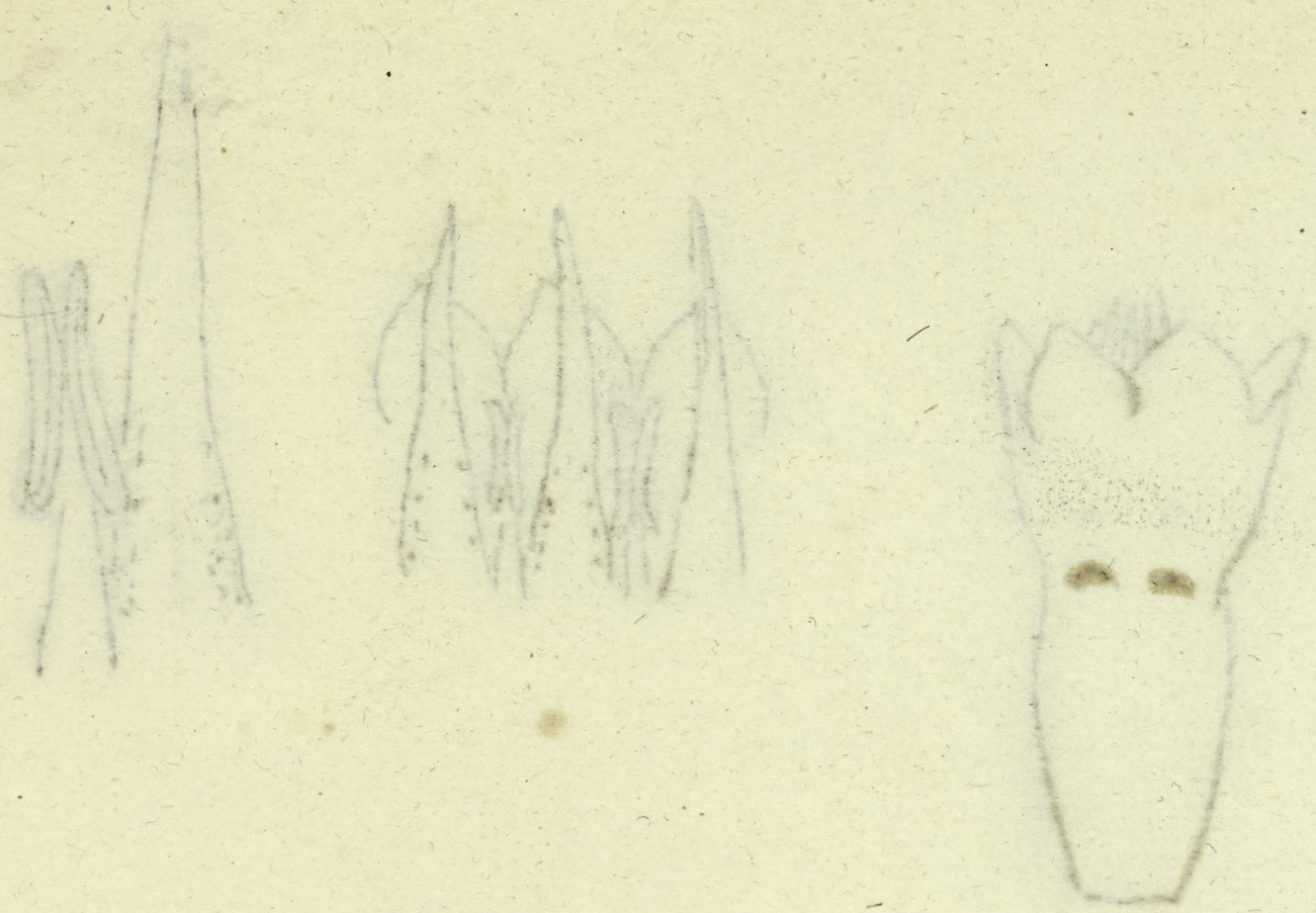

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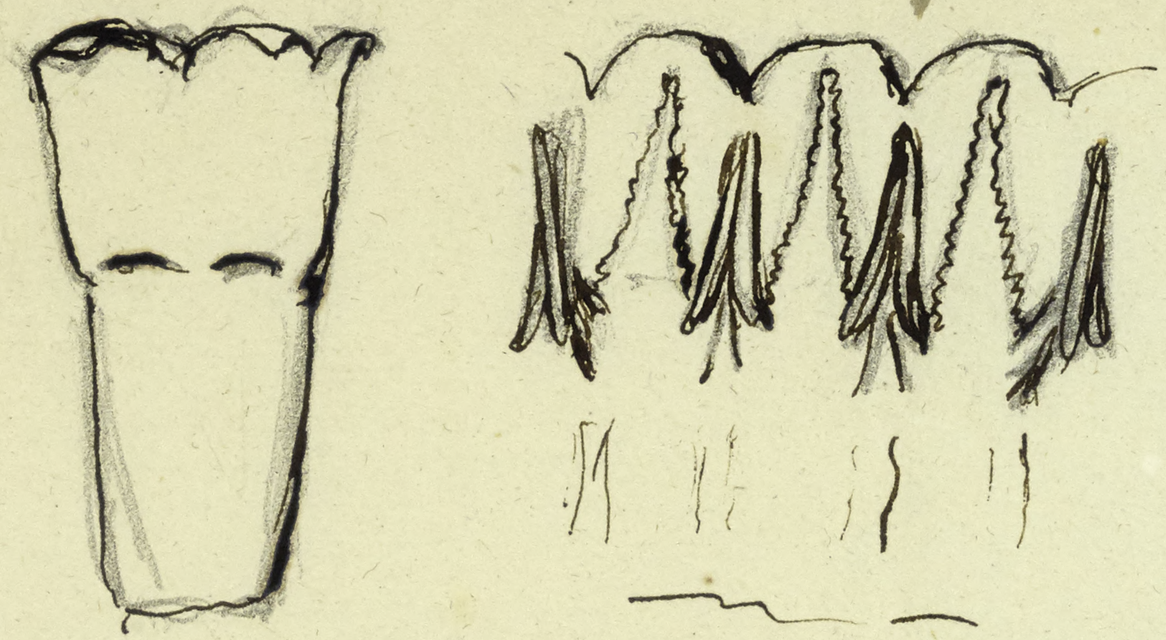

Symphyotheca

Dry hills ~ Loose soil under shrubs
South of Uvalde April 26 1858
Not tuberous: flowers larger than in the
allied species greenish yellow filaments
inserted below the ovary of four, slenderly sagittate

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½ O = 24 x
1 = 48 x
160 x

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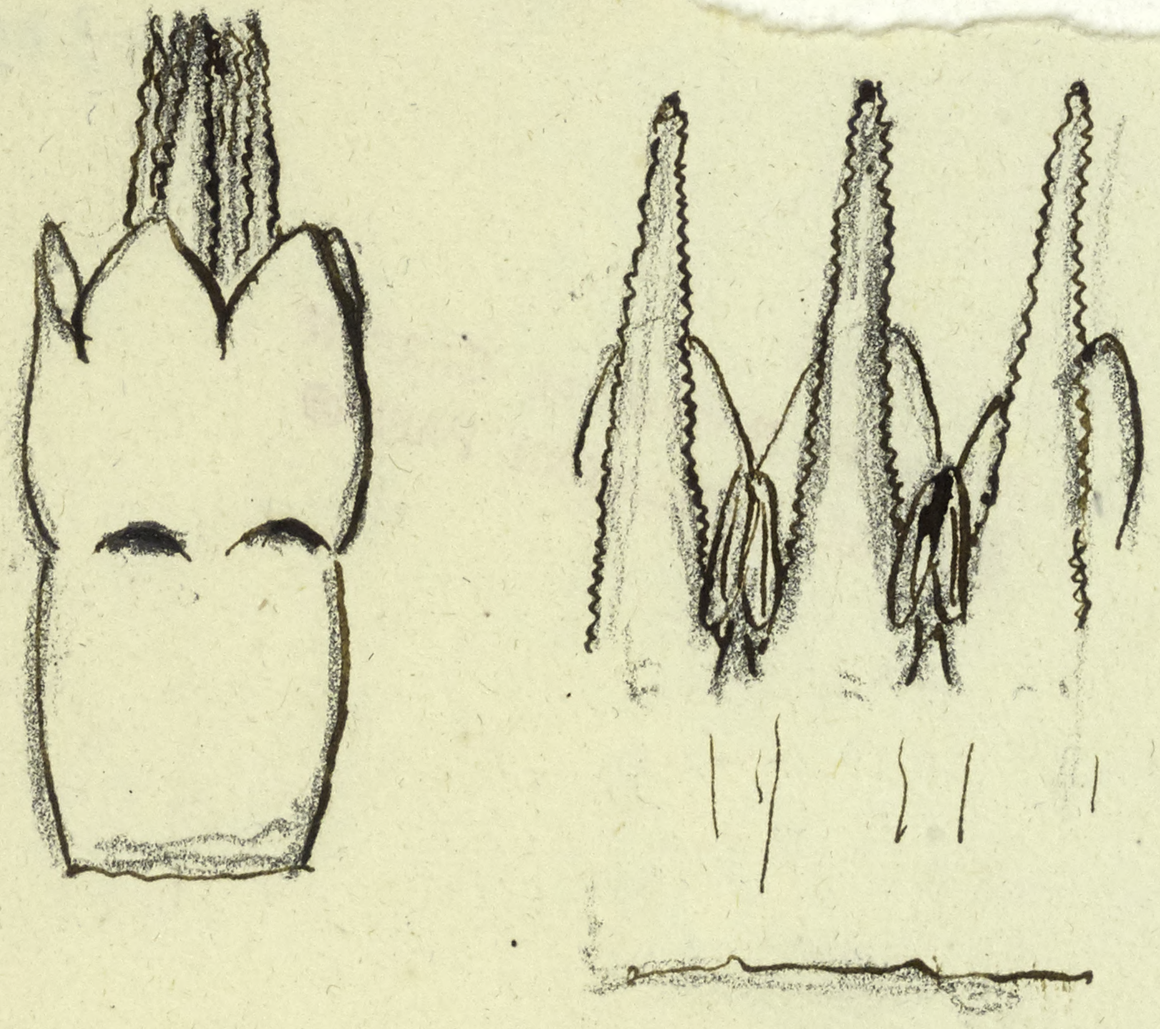

Sympetaum
Falls of the Anio at Tivoli
April 18 1858

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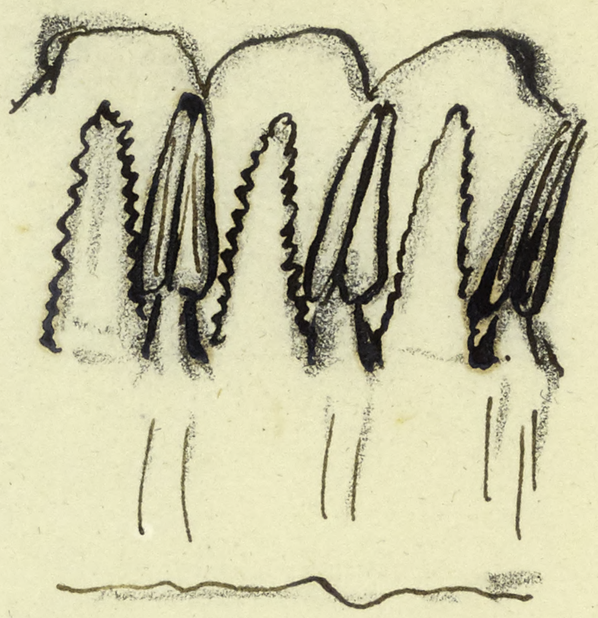
Symphytum officinale flor. purpureo

Hort bot. Rom. Apr 23 1858

Statura breviter stipitato squamis negantibus
s. subsuperantes faucem aequantes, utrinque
inclusae



Aug 28 1858

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Syngk. affd. volae
Host bet Strasburg
June 2d - 1858
Sext. opening scarcely
below the middle - flow
nearly equal ½ length
to Anthers — shorter
than Scales — these
equally the faucx.

"Syngk aspermum" purple blue; scales and
" anthers equally long = faucx; upper part of
tube more ventricose — rarely distinct from
affine

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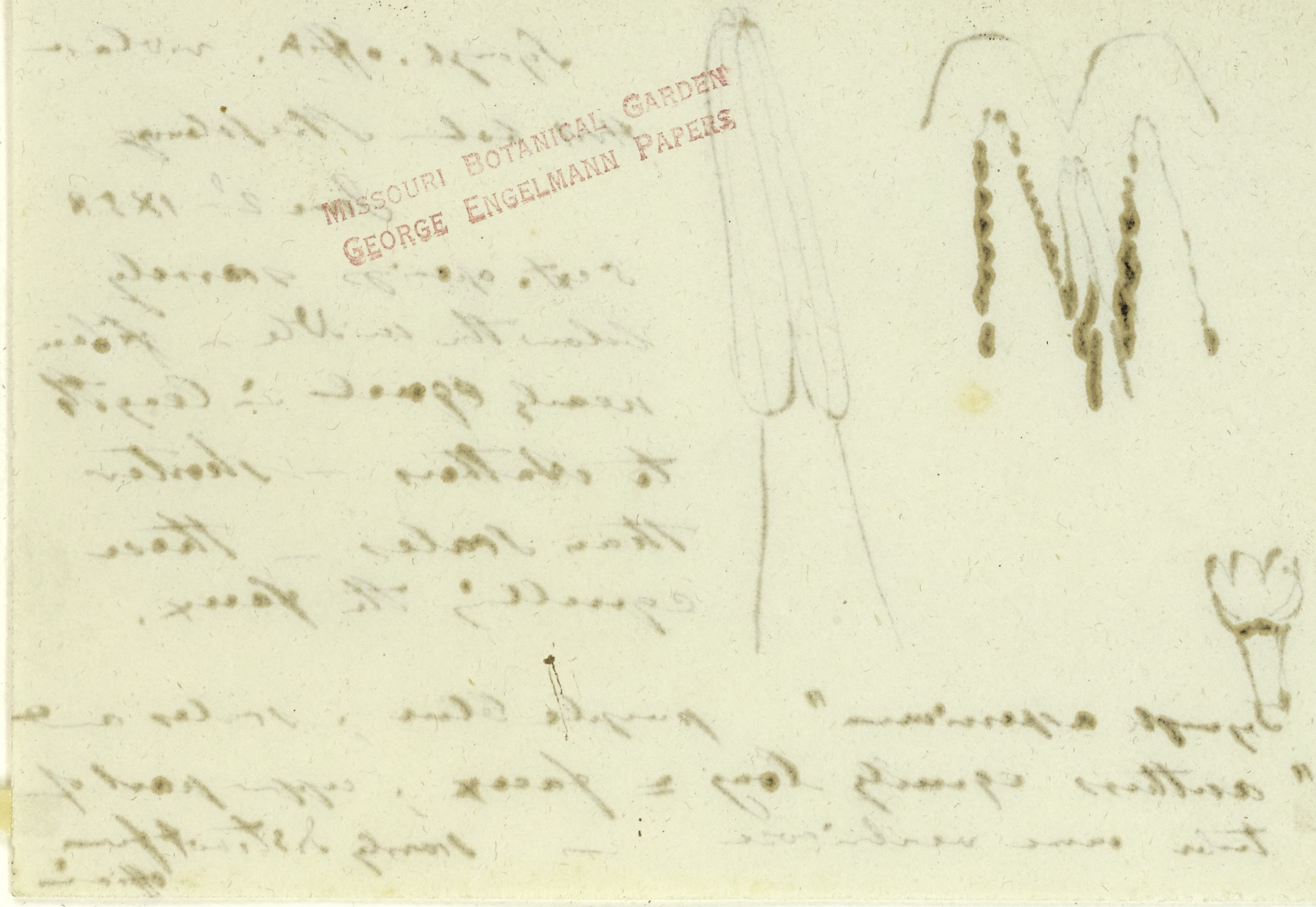

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Myosotis palustris with

synonym Va — exactly corresponding with

my european specimens

Myosotis ~~deflexa~~ ~~inflexa~~ n. sp.

St Louis — Texas — open woods,

grassy places, road sides ☉ or ♄ ?

somewhat resembling the european

M. intermedia Link — but distinguished

by the shorter pedicels which are closely

adpressed to the corolla tube and

above the middle bent in a rightangle.

M. calycibus profunde quadrifidis laciniis

lanceolatis inaequalibus fructiferis clausis,

patulo-pilosis — ~~v.~~ hispidis, pedicellis

fructiferis calycem aequantibus erecto

adpressis supra medium ~~reflexis~~ inflexis

horizontaliter patentibus

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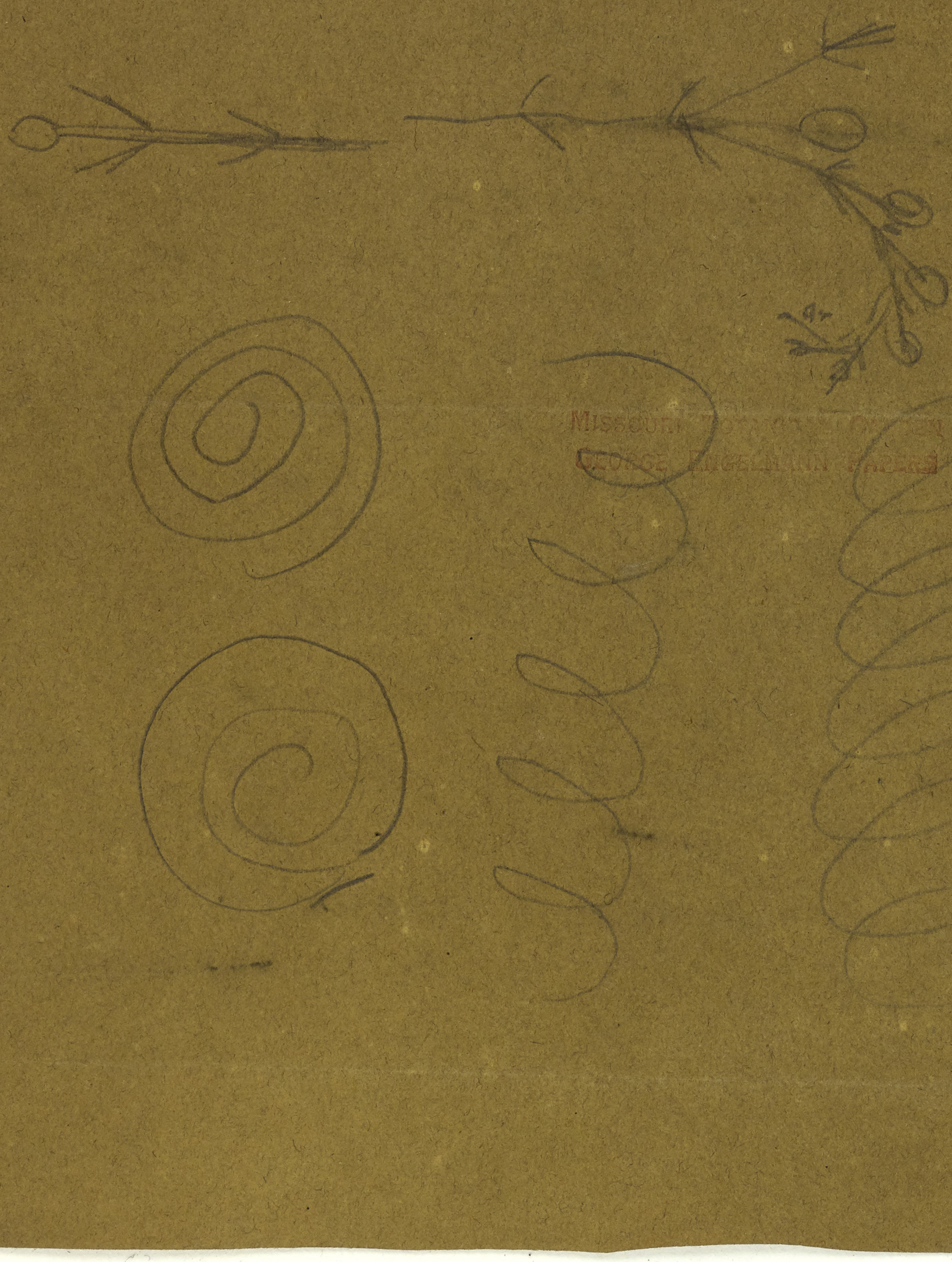

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Myosotis. vide Koch synopsis

1. pilis calycis adpressis

1. M palustris with

2. M. caespitosa Schultz nuts black, pretty large

2. pilis calycis patulis, uncinatis

3. M. sylvatica Hoffm

4 M. alpestris Schm

5. M. intermedia Link nuts black, pretty large

6. M. hispida Schlechtents grayish yellow, very small

7. M. versicolor Sow. nuts black, very small

8. M. stricta (arvensis) nuts grayish olive, very small

9. M. verna Mutt? nuts grayish olive larger
size between the last & next!

10 M macrosperma n/p. nuts grayish olive very large

11 M. sparsiflora nuts brownish? nearly as large as the last.

Largest seed № 10
Somewhat smaller 11
still smaller 2 & 5
nearly a little smaller 9.
a good deal smaller 7 & 8
still a little smaller 6.

comparative size

Black, 2. 5. 7
grayish olive 8. 9. 10. 11.
grayish yellow. 6

verte

Myosotis stricta Link calycibus profunde quinquefidis
lacinijs linearibus, obtusiusculis subaequalibus
et fructiferis clausis, nucumis basi foliatis; pedicellis
fructiferis calyce brevioribus, tubo corolla inclusa.

Europa

Myosotis inflexa n. sp. calycibus quinquefidis,
inaequalibus, lacinijs plurimis patentibus acutis,
2 inferioribus elongatis; ore albo-hispidis omnibus
erecto connivent.bus; nucumis basi foliatis; pedicellis
fructiferis calyce subbrevioribus, tubo corolla inclusa
adpressi pilosis, medio inflexis, patentibus.

Europa

Myosotis macrophylla n. sp. calycibus 5fidis
inaequalibus, lacinijs patentibus, triangulari
ovatis, acutis, 2 inferioribus 3 superiores
duplo superantibus omnibus hispidissimis erecto-connivent.bus;
subfoliatis, pedicellis fructiferis calyce brevioribus, tubo
brevioribus, nucumis basi erectis, medio calycibus
convexis, patentibus, tubo corolla duplo calyce longiore;
maximis.

Texas

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